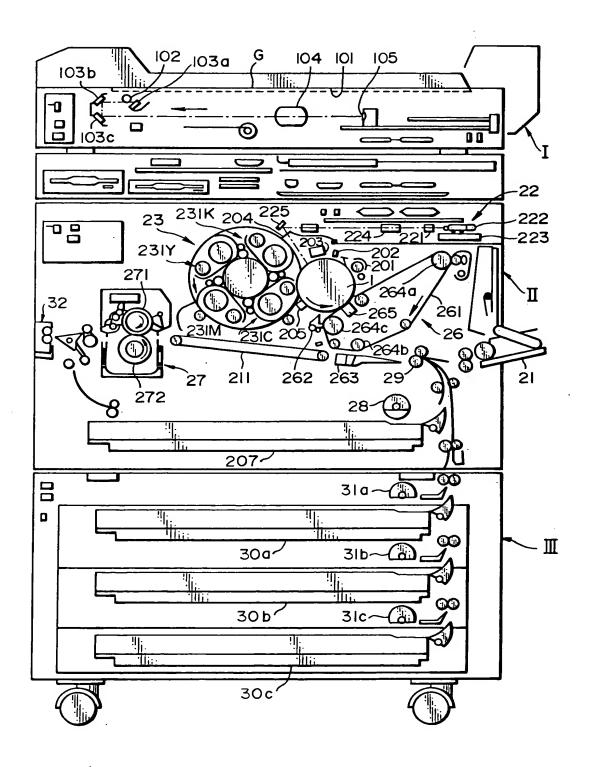
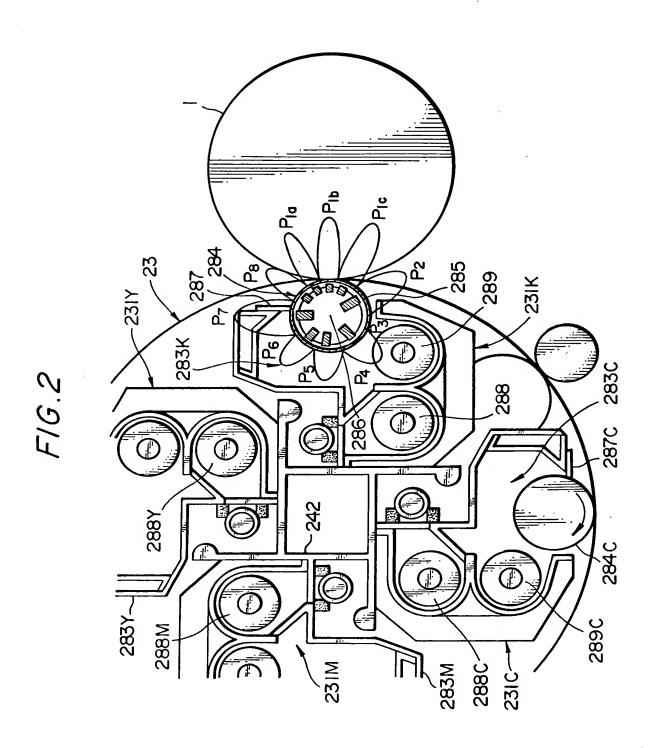
OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>1</u> OF <u>16</u>

FIG. 1

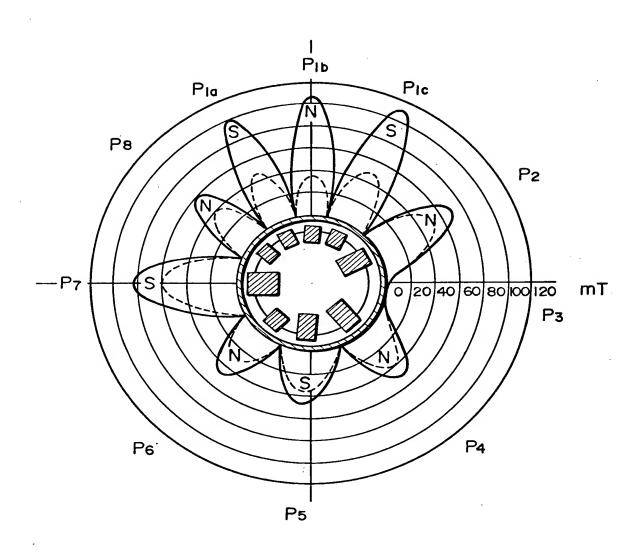


OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>2</u> OF <u>16</u>



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>3</u> OF <u>16</u>

F1G.3



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET 4 OF 16

## F16.44

MAGNET ROLLER FOR BK WITH DIAMETER OF 30mm

	Pla	Pla Plb Plc	PIc	P2	P3	P4	P5	P6	Ь7	P8
FLUX DENSITY (mT)	107.4	07.4 108.0 104.6 82.2	104.6	82.2	1	61.1 66.1	1.99	59.5	59.5 100.0 75.8	75.8
CENTER HAI E ANGI E	345	0	0. 15.6 60.1	1.09	ı	140.6	185.7	220.7	140.6 185.7 220.7 272.3 311.5	311.5
	(-15.0)									<u>-</u>
HALF WIDETH	9.11		9.7 12.1 24.3	24.3	1	26.5	25.9	20.8	20.8 27.2	0.61
POLE	S	z	S	z		z	S	z	S	z

## FIG. 4B PRIOR ART

	P8	71.8	318	29.1
MAGNET ROLLER FOR OTHER COLOR WITH DIAMETER OF 30 mm	P7	86.8	270.9	24.8
	P6	53.7	222.6	26.3
	P5	59.3	185.0	23.8
	P4	67.2	138.7	23.6
	P3	1		1
	P 2	70.2	56.5	23.3
	РΙ	107.8	0	27.8
		FLUX DENSITY (mT)	CENTER HALF ANGLE	HALF WIDTH

ഗ

Z

S

Z

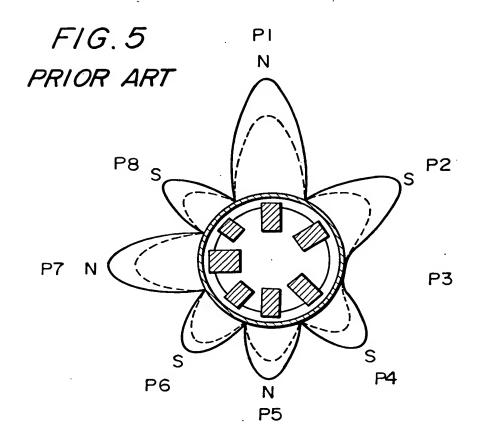
ഗ

ഗ

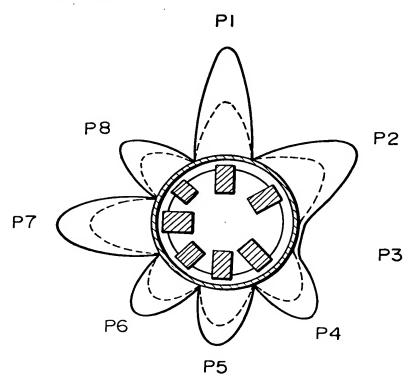
Z

POLE

OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>5</u> OF <u>16</u>

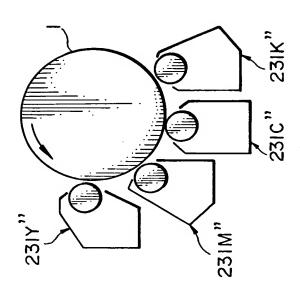


F1G.6

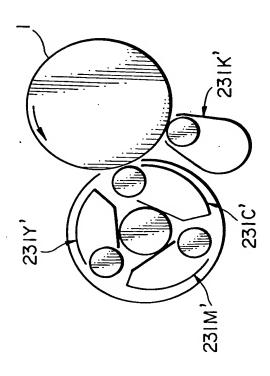


OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>6</u> OF <u>16</u>

F1G.7B



F1G. 74



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>7</u> OF <u>16</u>

FIG.8 PRIOR ART

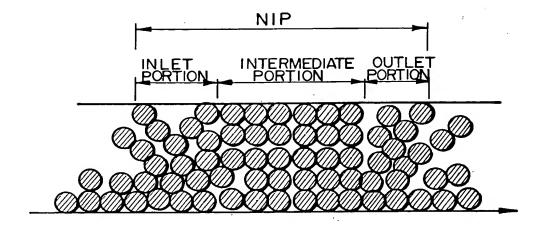
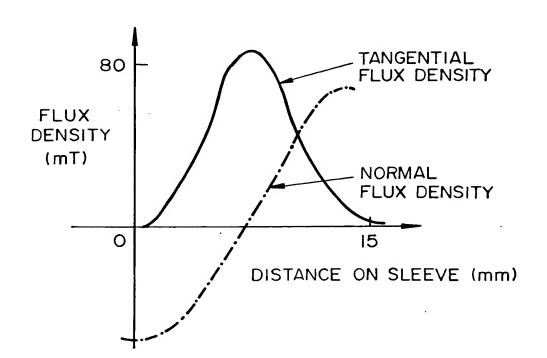
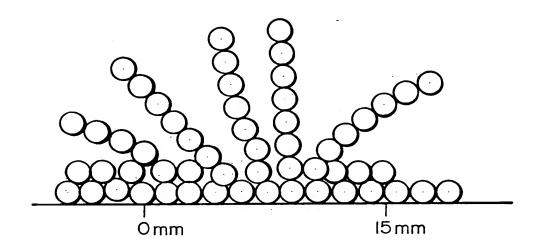


FIG. 9 PRIOR ART



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>8</u> OF <u>16</u>

## FIG.10 PRIOR ART



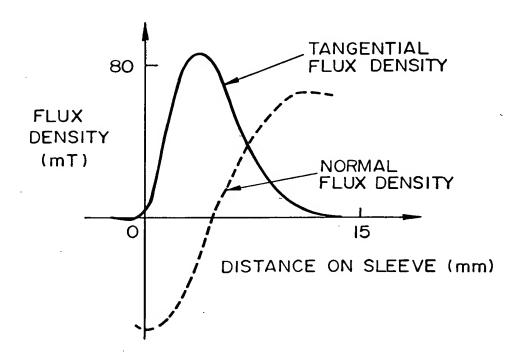
F1G.11

	GRANULARITY	LOCAL OMISSION
20T/m	3.0	3.0
30T/m	3.5	3.5
35 T /m	3.5	3.5
40T/m	4.0	3.5
45T/m	4.0	4.0

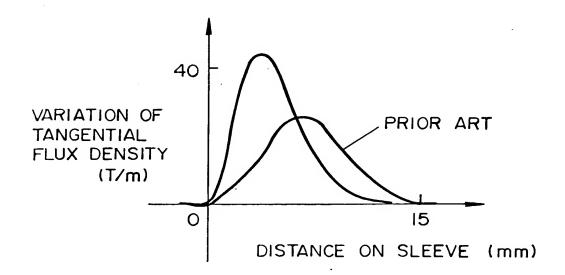
OBLON, SPIVAK ET AL. **DOCKET #245036US 2DIV** INV: TSUKURU KAI ET AL.

SHEET 9 OF 16

F1G.12



F1G.13



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET 10 OF 16

F1G.14

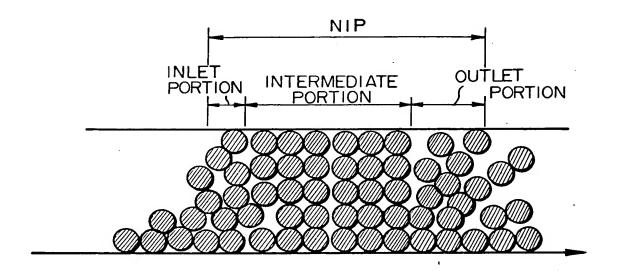
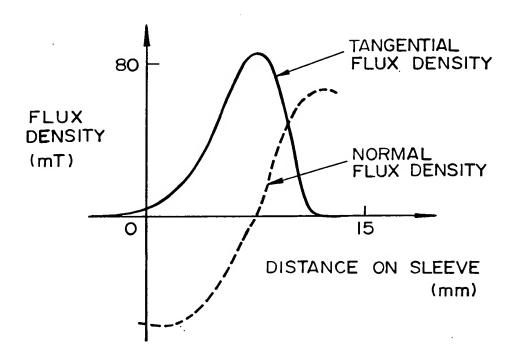


FIG. 15

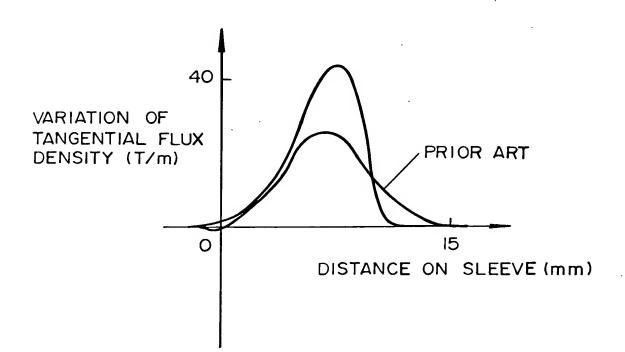
	GRANULARITY	LOCAL OMISSION
20T/m	3.0	3.0
30T/m	3.5	3.5
35T/m	3.5	3.5
40T/m	3.5	4.0
45T/m	4.0	4.0

OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET 11 OF 16

F1G.16



F1G.17



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>12</u> OF <u>16</u>

FIG. 18

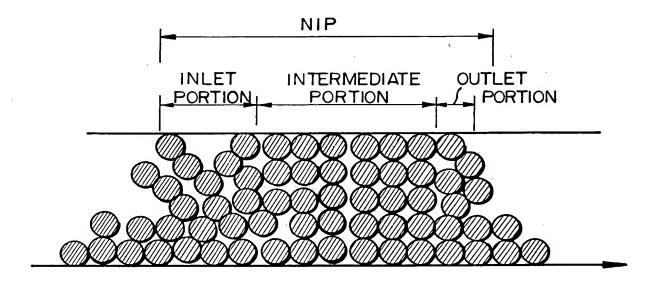


FIG. 19

	GRANULARITY	LOCAL OMISSION
20T/m	3.0	3.0
30T/m	3.5	3.5
35T/m	3.5	3.5
40 T / m	4.0	4.0
45 T / m	4.0	4.0

OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET 13 OF 16

FIG. 20

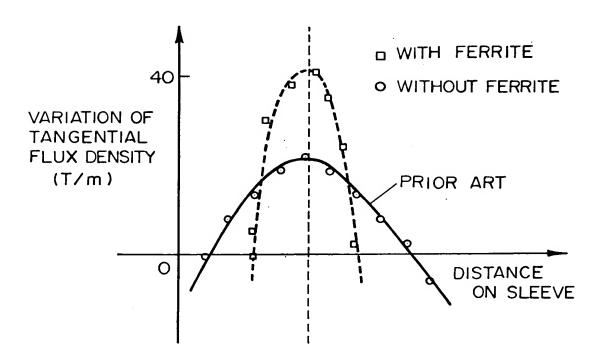
FLUX DENSITY (mT)

O DISTANCE ON SLEEVE

O WITH FERRITE

O WITHOUT FERRITE

FIG. 21



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>14</u> OF <u>16</u>

F1G.22

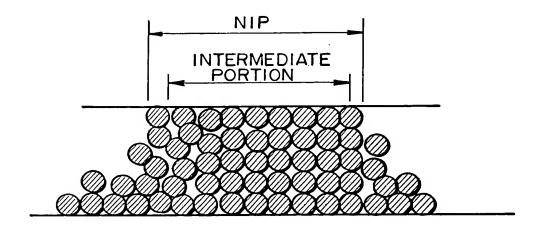
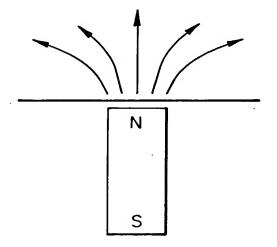
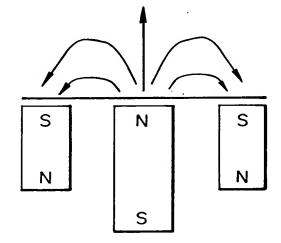


FIG. 23A PRIOR ART

FIG.23B





OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET <u>15</u> OF <u>16</u>

FIG.24A

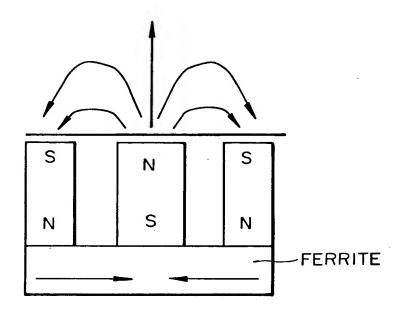
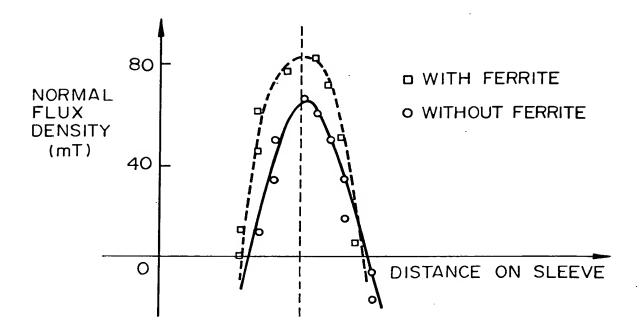


FIG. 24B



OBLON, SPIVAK ET AL. DOCKET #245036US 2DIV INV: TSUKURU KAI ET AL. SHEET 16 OF 16

FIG. 25A

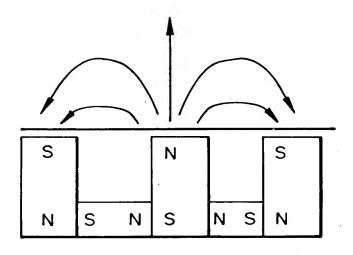


FIG. 25B

